

Oct 28, 2021

Department of Biostatistics at Columbia University
722 West 168th St.
NY, NY 10032



Dear Faculty Search Committee,

I am writing to apply for the position of Assistant Professor in the Department of Biostatistics at Columbia University..

I am currently a postdoctoral researcher with Prof. Tamara Broderick at the Massachusetts Institute of Technology's Laboratory for Information and Decision Systems, where I study the robustness of frequentist and Bayesian statistical procedures, both theoretically and with applications including single-cell RNA sequencing analysis, development economics, and a MURI-grant funded study of ocean dynamics. I received my PhD in statistics from the University of California at Berkeley under the supervision of Prof. Michael Jordan, Prof. Jon McAuliffe, and Prof. Tamara Broderick. Additionally, I have earned an MSc with distinction in econometrics from the London School of Economics and BS degrees in mathematics and engineering mechanics with honors from the University of Illinois at Urbana-Champaign. My work history includes four years as an engineer at Google and two years as a Peace Corps volunteer in Kazakhstan.

I believe that my work on computational statistics and machine learning, particularly my work developing variational methods for large genomics datasets, together with my strong history of interdisciplinary research, make the Columbia University Biostatistics department a particularly good fit for me. The opportunity to contribute to a better world through genomics and precision medicine is very exciting.

I appreciate your consideration. Sincerely,

Dr. Ryan J. Giordano

A handwritten signature in dark ink, appearing to read 'R. J. Giordano', written over a light yellow rectangular background.

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